



61 2-25-04

AF 1746

<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. IIW-002
Application No. 09/870524-Conf. #1359	Filing Date May 30, 2001	Examiner J. Crepeau	Art Unit 1746

Applicant(s): Tomoki Kobayashi *et al.*

Invention: GAS-SUPPLYING APPARATUS, GAS-SUPPLYING MECHANISM, GAS-SUPPLYING PROCESS IN FUEL CELL

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.  
The fee has been calculated and is transmitted as shown below.

MAR 02 2004

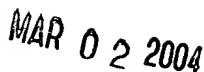
CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	14	- 20 =		x	0.00
Independent Claims	4	- 4 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within first month					110.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>110.00</b>

- ☒ Large Entity ☐ Small Entity
- ☐ No additional fee is required for this amendment.
- ☒ Please charge Deposit Account No. 12-0080 in the amount of \$ 110.00.  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-0080 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Anthony A. Laurentano  
Attorney Reg. No.: 38,220  
  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400

Dated: February 23, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 377 650 685 US, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  
Dated: February 23, 2004 Signature: Anthony A. Laurentano



PTO/SB/17 (10-03)  
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**Complete if Known**

*Effective 10/01/2003. Patent fees are subject to annual revision.*

☐ Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b>	<b>110.00</b>
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Application Number	09/870524-Conf. #1359
Filing Date	May 30, 2001
First Named Inventor	Tomoki Kobayashi
Examiner Name	J. Crepeau
Art Unit	1746
Attorney Docket No.	IIW-002

**METHOD OF PAYMENT** *(check all that apply)*

<input type="checkbox"/>	Check	<input type="checkbox"/>	Credit Card	<input type="checkbox"/>	Money Order	<input type="checkbox"/>	Other	<input type="checkbox"/>	None
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☒ Deposit Account:

Deposit  
Account  
Number

12-0080

Deposit  
Account  
Name

**Lahive & Cockfield, LLP**

**The Director is authorized to:** (check all that apply)

<input checked="" type="checkbox"/>	Charge fee(s) indicated below	<input checked="" type="checkbox"/>	Credit any overpayments
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☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity
<p>1. <b>Revenue Recognition</b></p> <p>Large entities use the <b>percentage of completion</b> method for long-term contracts, recognizing revenue as work progresses. Small entities often use the <b>cost of sales</b> method, recognizing revenue only when the contract is completed.</p>	<p>1. <b>Revenue Recognition</b></p> <p>Small entities often use the <b>cost of sales</b> method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. <b>Inventory Valuation</b></p> <p>Large entities use the <b>FIFO</b> (First In, First Out) method for inventory valuation. Small entities often use the <b>LIFO</b> (Last In, First Out) method.</p>	<p>2. <b>Inventory Valuation</b></p> <p>Small entities often use the <b>LIFO</b> (Last In, First Out) method for inventory valuation.</p>
<p>3. <b>Depreciation</b></p> <p>Large entities use the <b>MACRS</b> (Modified Accelerated Cost Recovery System) for depreciation. Small entities often use the <b>straight-line</b> method.</p>	<p>3. <b>Depreciation</b></p> <p>Small entities often use the <b>straight-line</b> method for depreciation.</p>
<p>4. <b>Bad Debt Expense</b></p> <p>Large entities use the <b>allowance method</b> for bad debt expense. Small entities often use the <b>direct write-off</b> method.</p>	<p>4. <b>Bad Debt Expense</b></p> <p>Small entities often use the <b>direct write-off</b> method for bad debt expense.</p>
<p>5. <b>Lease Accounting</b></p> <p>Large entities use the <b>ASC 842</b> (Leases) standard for lease accounting. Small entities often use the <b>ASC 840</b> (Leases) standard.</p>	<p>5. <b>Lease Accounting</b></p> <p>Small entities often use the <b>ASC 840</b> (Leases) standard for lease accounting.</p>
<p>6. <b>Financial Statement Presentation</b></p> <p>Large entities use the <b>IFRS</b> (International Financial Reporting Standards) for financial statement presentation. Small entities often use the <b>GAAP</b> (Generally Accepted Accounting Principles).</p>	<p>6. <b>Financial Statement Presentation</b></p> <p>Small entities often use the <b>GAAP</b> (Generally Accepted Accounting Principles) for financial statement presentation.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

<b>SUBTOTAL (1)</b>	<b>(\$)</b>	<b>0.00</b>
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## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	14	-20** =	0.00
Independent Claims	4	-4** =	0.00
Multiple Dependent			

Large Entity	Small Entity
<p>1. <b>Revenue Recognition</b></p> <p>Large entities use the <b>percentage of completion method</b> for long-term contracts, recognizing revenue as work progresses. Small entities typically use the <b>cost of sales method</b>, recognizing revenue only when the contract is completed.</p>	<p>1. <b>Revenue Recognition</b></p> <p>Small entities use the <b>cost of sales method</b> for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. <b>Inventory Valuation</b></p> <p>Large entities use the <b>FIFO (First In, First Out)</b> method for inventory valuation. Small entities may use the <b>LIFO (Last In, First Out)</b> method, which can provide a tax advantage in periods of rising prices.</p>	<p>2. <b>Inventory Valuation</b></p> <p>Small entities may use the <b>LIFO (Last In, First Out)</b> method, which can provide a tax advantage in periods of rising prices.</p>
<p>3. <b>Depreciation</b></p> <p>Large entities use the <b>MACRS (Modified Accelerated Cost Recovery System)</b> for depreciation. Small entities may use the <b>straight-line method</b>, which spreads the cost of an asset evenly over its useful life.</p>	<p>3. <b>Depreciation</b></p> <p>Small entities may use the <b>straight-line method</b>, which spreads the cost of an asset evenly over its useful life.</p>
<p>4. <b>Bad Debt Expense</b></p> <p>Large entities use the <b>allowance method</b> for bad debt expense, estimating the amount of uncollectible accounts at the end of each period. Small entities may use the <b>direct write-off method</b>, recognizing bad debt expense only when an account is deemed uncollectible.</p>	<p>4. <b>Bad Debt Expense</b></p> <p>Small entities may use the <b>direct write-off method</b>, recognizing bad debt expense only when an account is deemed uncollectible.</p>
<p>5. <b>Lease Accounting</b></p> <p>Large entities use the <b>ASC 842 (Leases)</b> standard, which requires the recognition of most leases on the balance sheet. Small entities may use the <b>ASC 840 (Leases)</b> standard, which allows for the off-balance sheet treatment of certain leases.</p>	<p>5. <b>Lease Accounting</b></p> <p>Small entities may use the <b>ASC 840 (Leases)</b> standard, which allows for the off-balance sheet treatment of certain leases.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

<b>SUBTOTAL (2)</b>	(\$)	0.00
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**\*\*or number previously paid, if greater; For Reissues, see above**

**FEE CALCULATION** (continued)

### 3. ADDITIONAL FEES

	Large Entity	Small Entity
1. <b>Revenue Recognition</b>	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. <b>Expense Recognition</b>	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. <b>Asset Recognition</b>	Assets are recognized when the entity has control over a resource that is expected to generate future economic benefits.	Assets are recognized when the entity has control over a resource that is expected to generate future economic benefits.
4. <b>Liability Recognition</b>	Liabilities are recognized when the entity has a present obligation to transfer an asset or provide a service in the future.	Liabilities are recognized when the entity has a present obligation to transfer an asset or provide a service in the future.
5. <b>Equity Recognition</b>	Equity is recognized as the residual interest in the entity's assets after deducting all liabilities.	Equity is recognized as the residual interest in the entity's assets after deducting all liabilities.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110.00
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,330	2453	665	Petition to revive – unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid	<b>SUBTOTAL (3)</b>	<b>(\$)</b>	<b>110.00</b>
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## SUBMITTED BY

Name (Print/Type)	Anthony A. Laurentano
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Registration No.  
(Attorney/Agent)

38.220

(Complete (if applicable))

Telephone	(617) 227-7400
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**Signature**

Date \_\_\_\_\_

February 23, 2004

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Dated: February 23, 2004

**Signature:**

(Anthony A. Laurentano)

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Dated: February 23, 2004

Signature: 

(Anthony A. Laurentino)

Docket No.: IIW-002  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent Application of:  
Tomoki Kobayashi *et al.*

Application No.: 09/870524

Art Unit: 1746

Filed: May 30, 2001

Examiner: J. Crepeau

For: GAS-SUPPLYING APPARATUS, GAS-SUPPLYING MECHANISM, GAS-SUPPLYING PROCESS IN FUEL CELL

AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated October 21, 2003 (Paper No. 11), finally rejecting claims 1-11, 13, 17 and 18, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.